

NOUS41 KWBC 282120
PNSWSH

Service Change Notice 22-92
National Weather Service Headquarters Silver Spring MD
520 PM EDT Wed Sep 28 2022

To: Subscribers:
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 -Emergency Managers Weather Information Network
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From: Kari Sheets
 Acting Chief, Weather Info. Distribution Services Branch

Subject: NWS is Operationally Implementing the National GIS Map Viewer
(the "Viewer") Web Application and Water Program Site Effective
on or about Wednesday, September 28, 2022

Effective on or about Wednesday September 28, 2022 at 1300 Coordinated Universal Time (UTC), the National Weather Service (NWS) National Geographic Information System (GIS) Map Viewer (the "Viewer") web application and water program site hosted on the Amazon Web Services public cloud will transition from experimental to operational status. The remaining program sites (Tropical, Fire, Severe, Winter, Space, Climate, Aviation, and Marine) will remain experimental at this time. Once the remaining program sites are ready to transition to operational status, a Service Change Notice will be issued.

As NWS data and sources increase in size and frequency, providing the capability for assimilating the data and making it more easily accessible and viewable by NWS users and partners/stakeholders is paramount.

Interactive web-based geospatial products, including geospatial services and map viewers, are universal methods to serve many of these assimilation needs. Interactive maps driven by geospatial services can serve all data from rapidly updating products (e.g., Multi-Radar Multi-Sensor [MRMS] data) to more traditional products (e.g., precipitation forecasts and event-driven watches and warnings). The NWS has developed the Viewer based on the aforementioned functional and data requirements provided by NWS staff based on feedback from their stakeholders.

The Viewer is the result of a NWS partnered effort with NOAA's National Ocean Service to leverage the Environment Response Management Application (ERMA) software and customize it to meet NWS' initial functional requirements.

The following GIS program sites are transitioning to Operational status:

General Interest Program URL:
<https://viewer.weather.noaa.gov/general>

Water URL: <https://viewer.weather.noaa.gov/water>

The following GIS program sites will remain experimental at this time:

Tropical URL: <https://viewer.weather.noaa.gov/tropical>

Fire URL: <https://viewer.weather.noaa.gov/fire>

Severe URL: <https://viewer.weather.noaa.gov/severe>

Winter URL: <https://viewer.weather.noaa.gov/winter>

Space URL: <https://viewer.weather.noaa.gov/space>

Climate URL: <https://viewer.weather.noaa.gov/climate>

Aviation URL: <https://viewer.weather.noaa.gov/aviation>

Marine URL: <https://viewer.weather.noaa.gov/marine>

Technical functionality and the "look and feel" will be consistent across all the Viewer program sites, but each program site will feature data most relevant to the type of weather, water, and/or climate focus areas represented by the program site.

Additional data and functionality will be added periodically in the future.

For more information, please contact:

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National Service Change Notices are online at:

<https://www.weather.gov/notification/>

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